

FIGURE 1

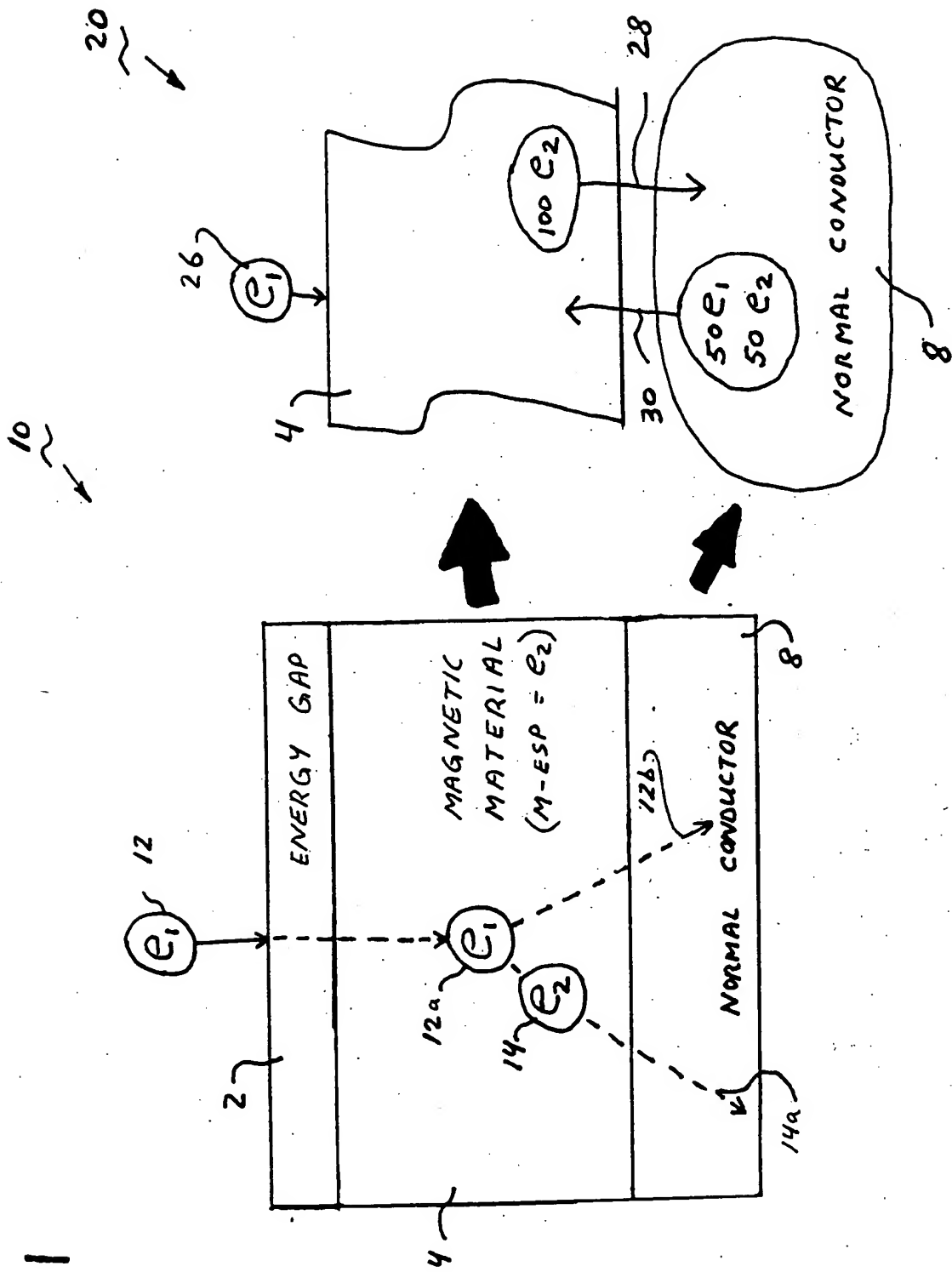


FIGURE 1B

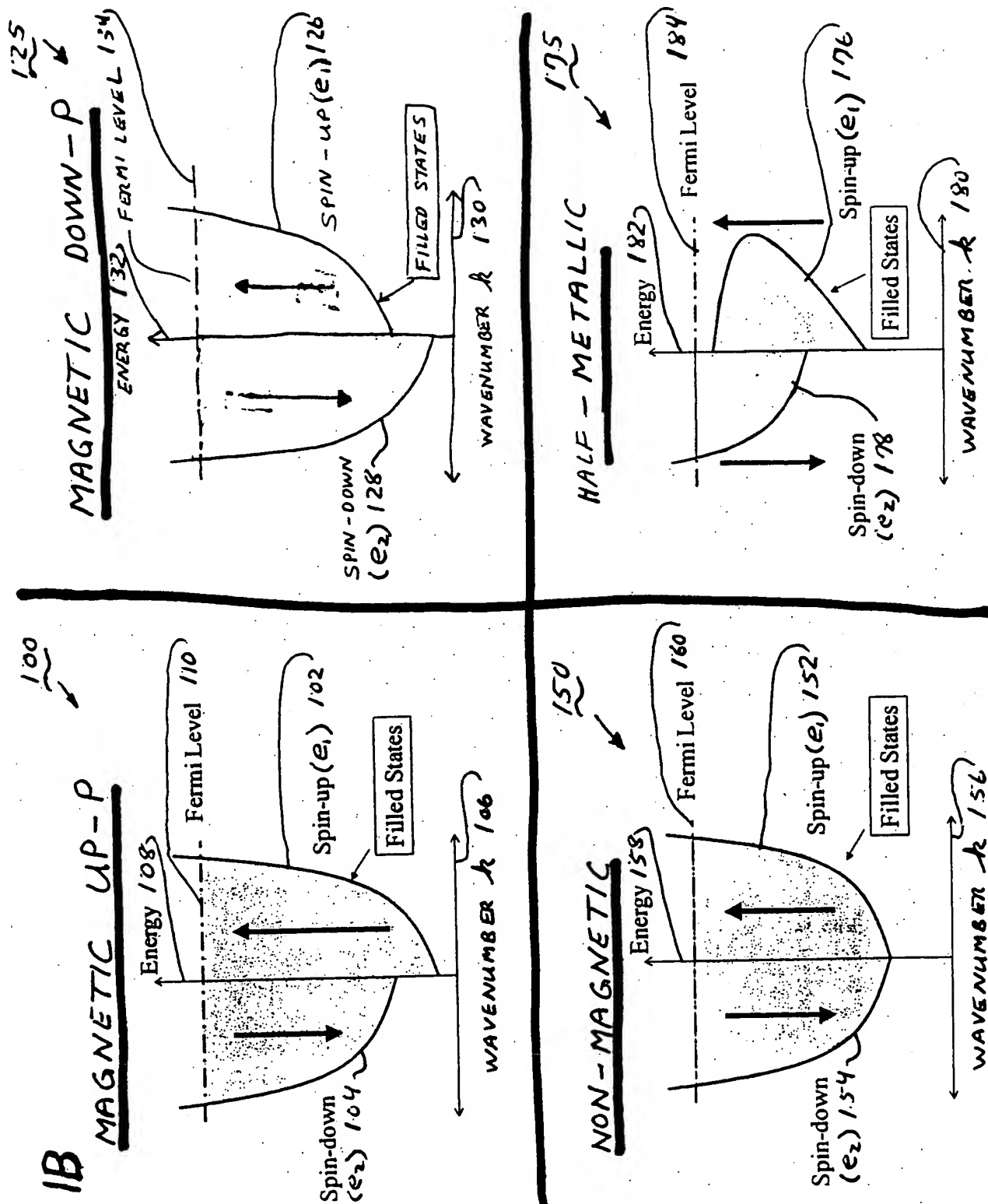


FIGURE 2

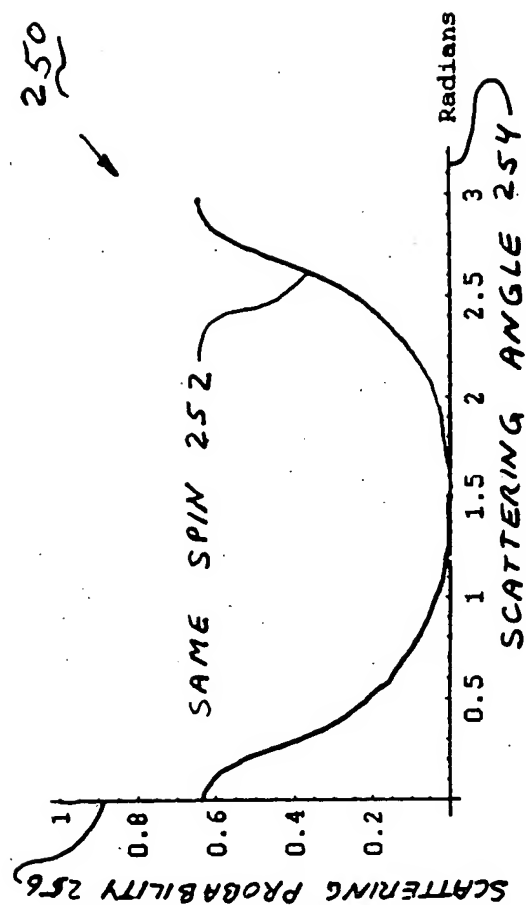
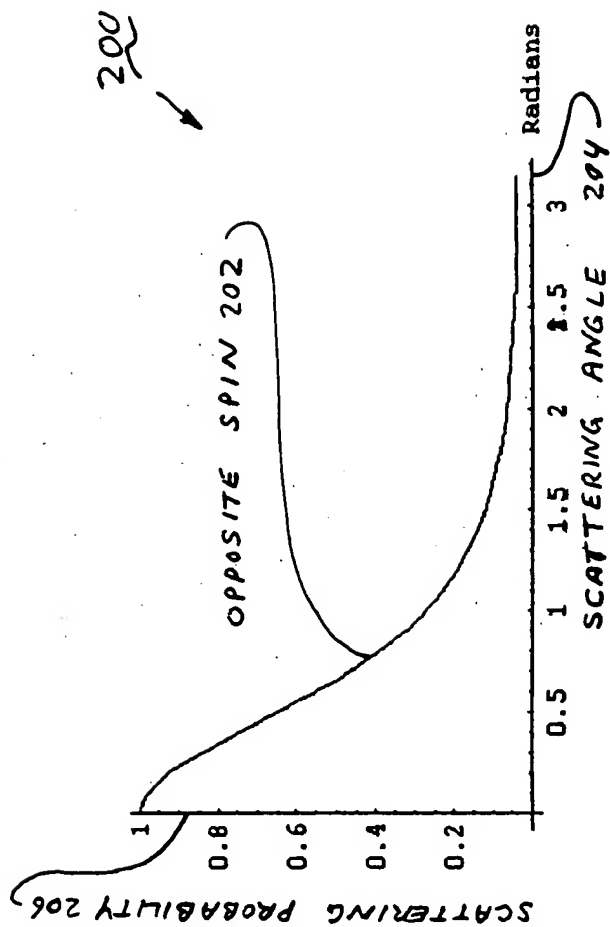


FIGURE 3

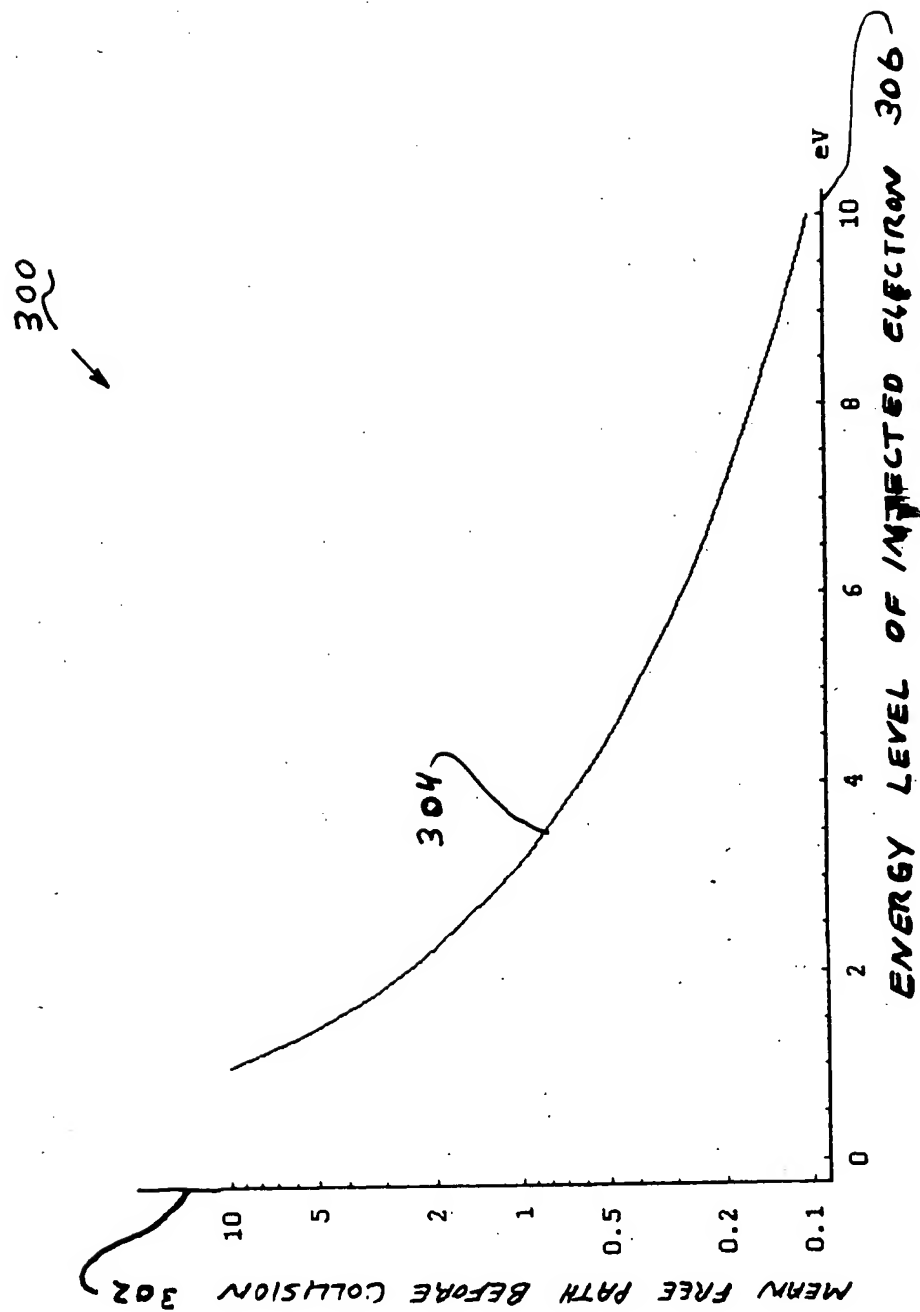


FIGURE 4

402 CRITICAL EQUATION FOR REVERSAL OF THE
SPIN POLARIZATION OF THE MAGNETIC VOLUME

$$\frac{N_s}{\tau_s} < \frac{I}{e} \cdot g$$

404 N_s = NUMBER OF SPINS IN A MAGNETIC VOLUME

406 τ_s = SPIN RELAXATION TIME

408 I = ELECTRON CURRENT

410 e = ELECTRON UNIT CHARGE

412 g = NUMBER OF e_2 POLARIZED ELECTRONS EJECTED
PER INJECTED e_1 POLARIZED ELECTRON

FIGURE 5.

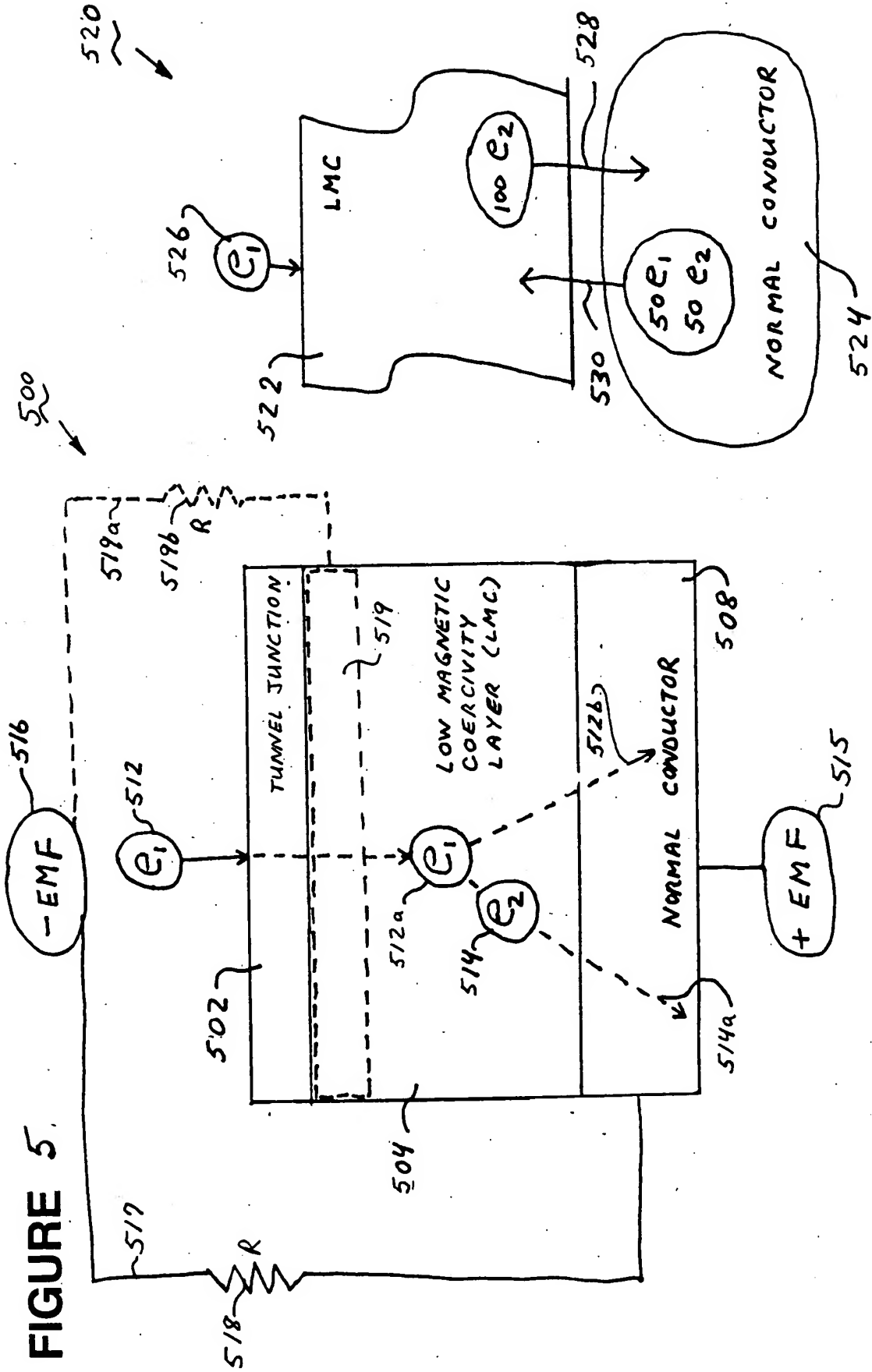


FIGURE 6

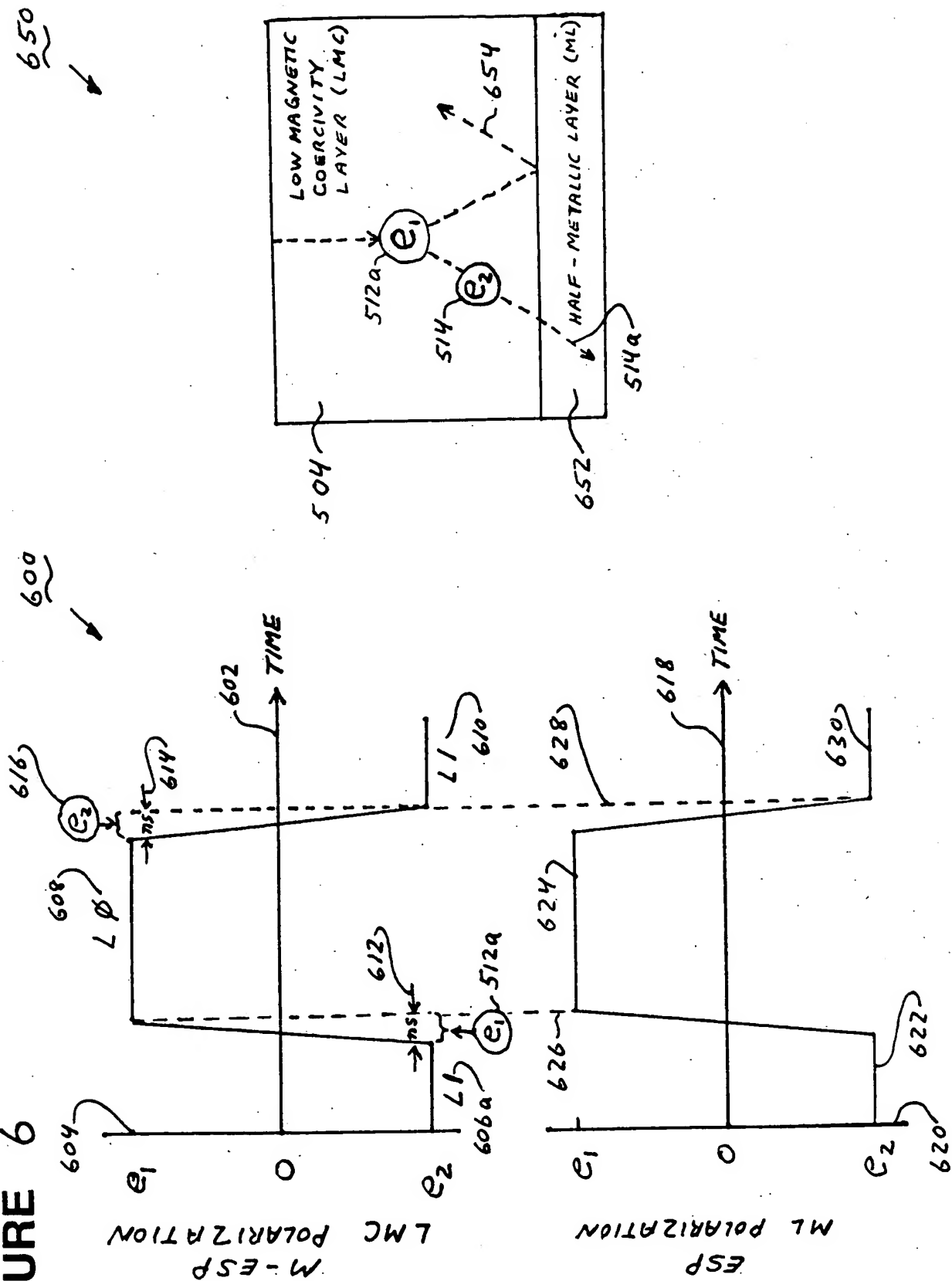


FIGURE 7

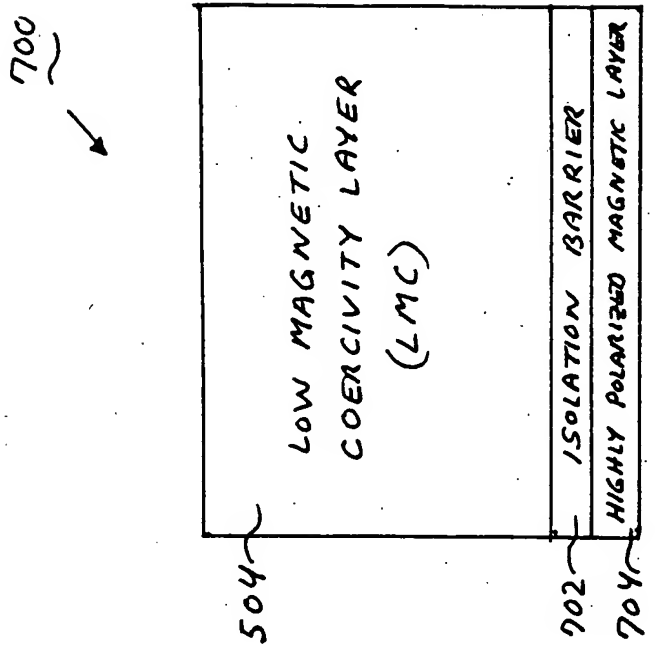
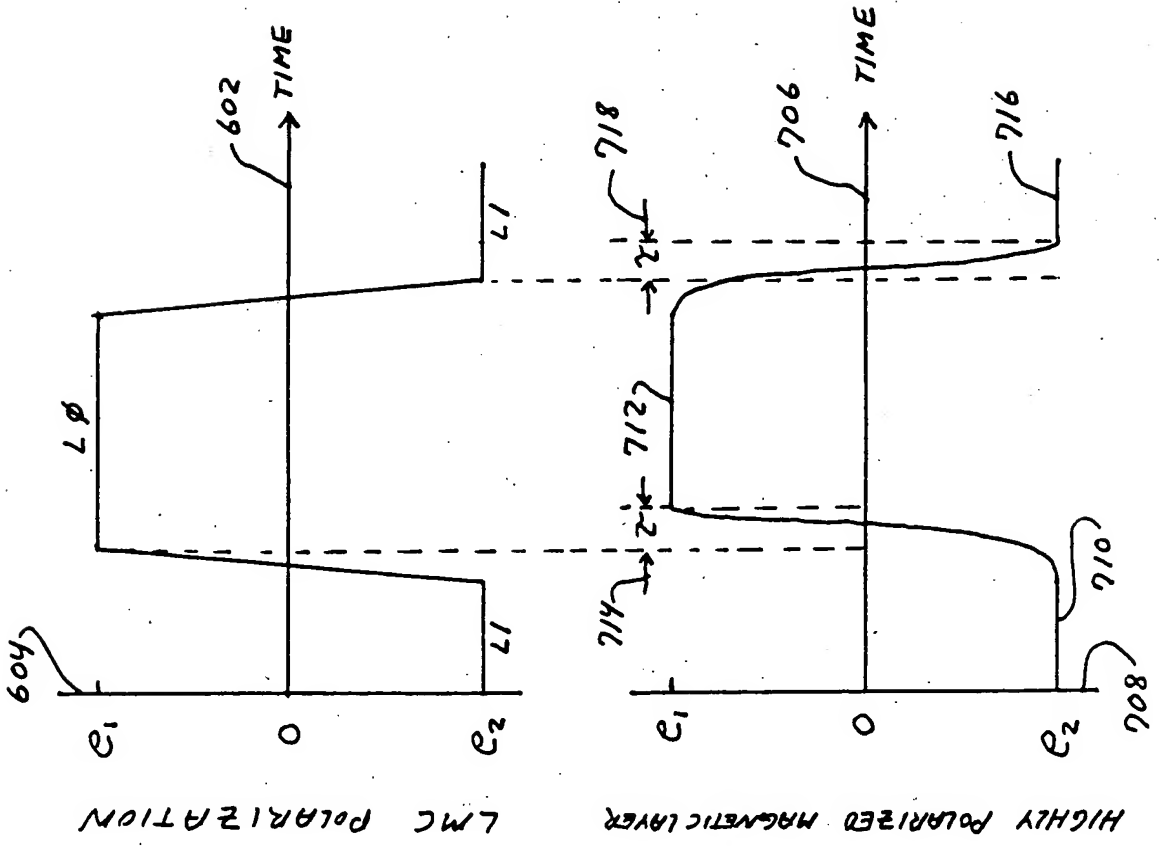


FIGURE 8

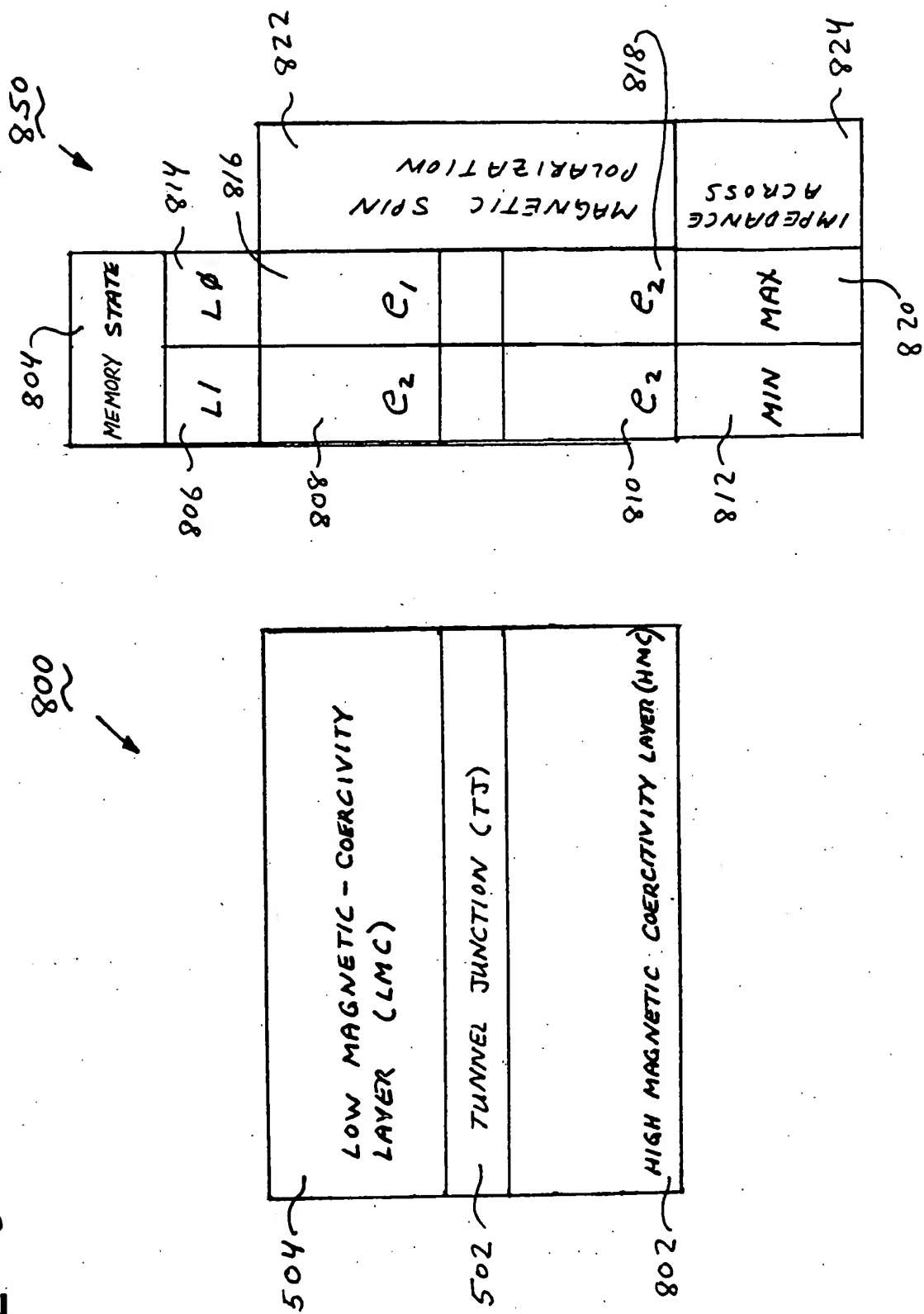


FIGURE 8B

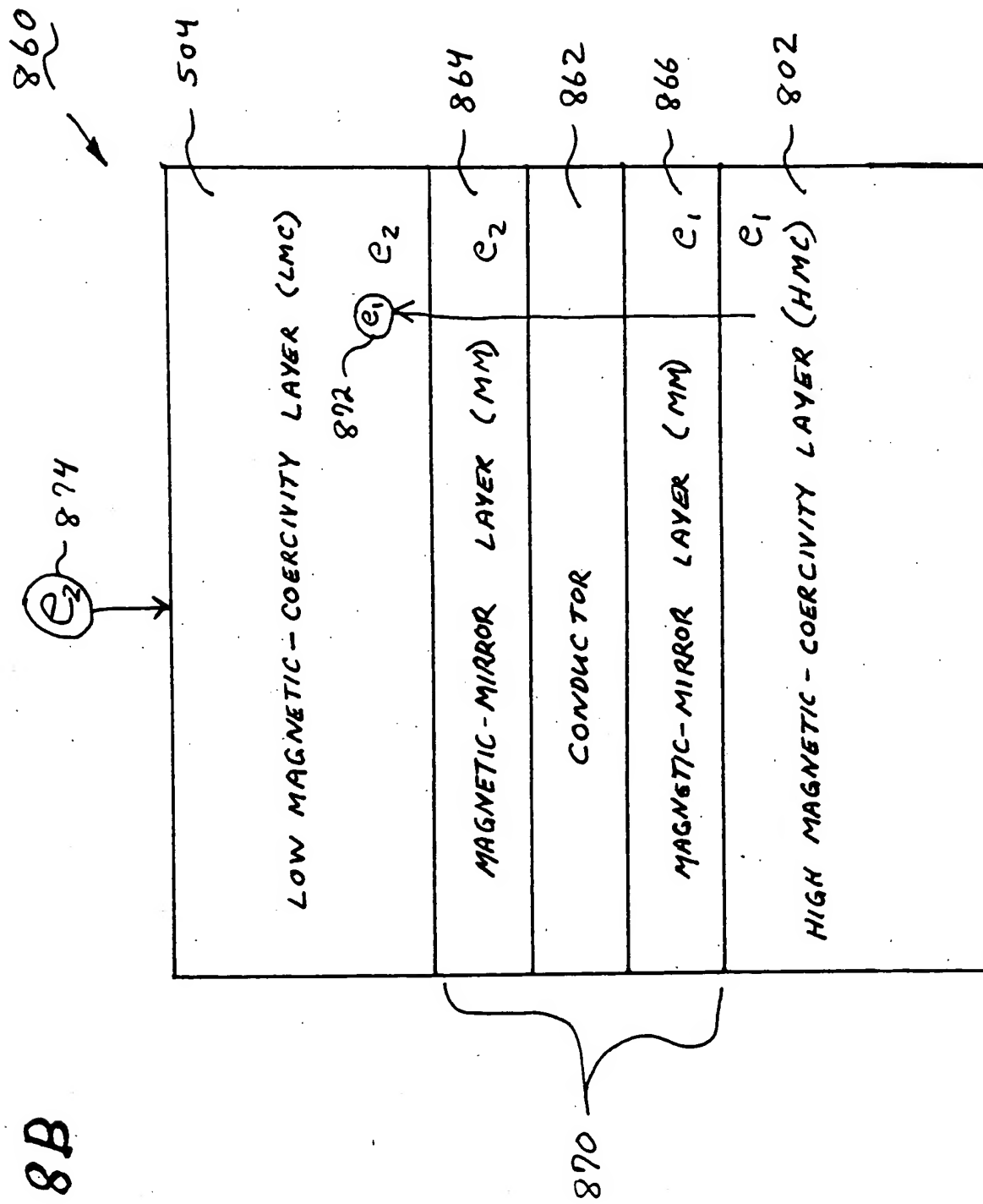


FIGURE 9

Application to VMRAM

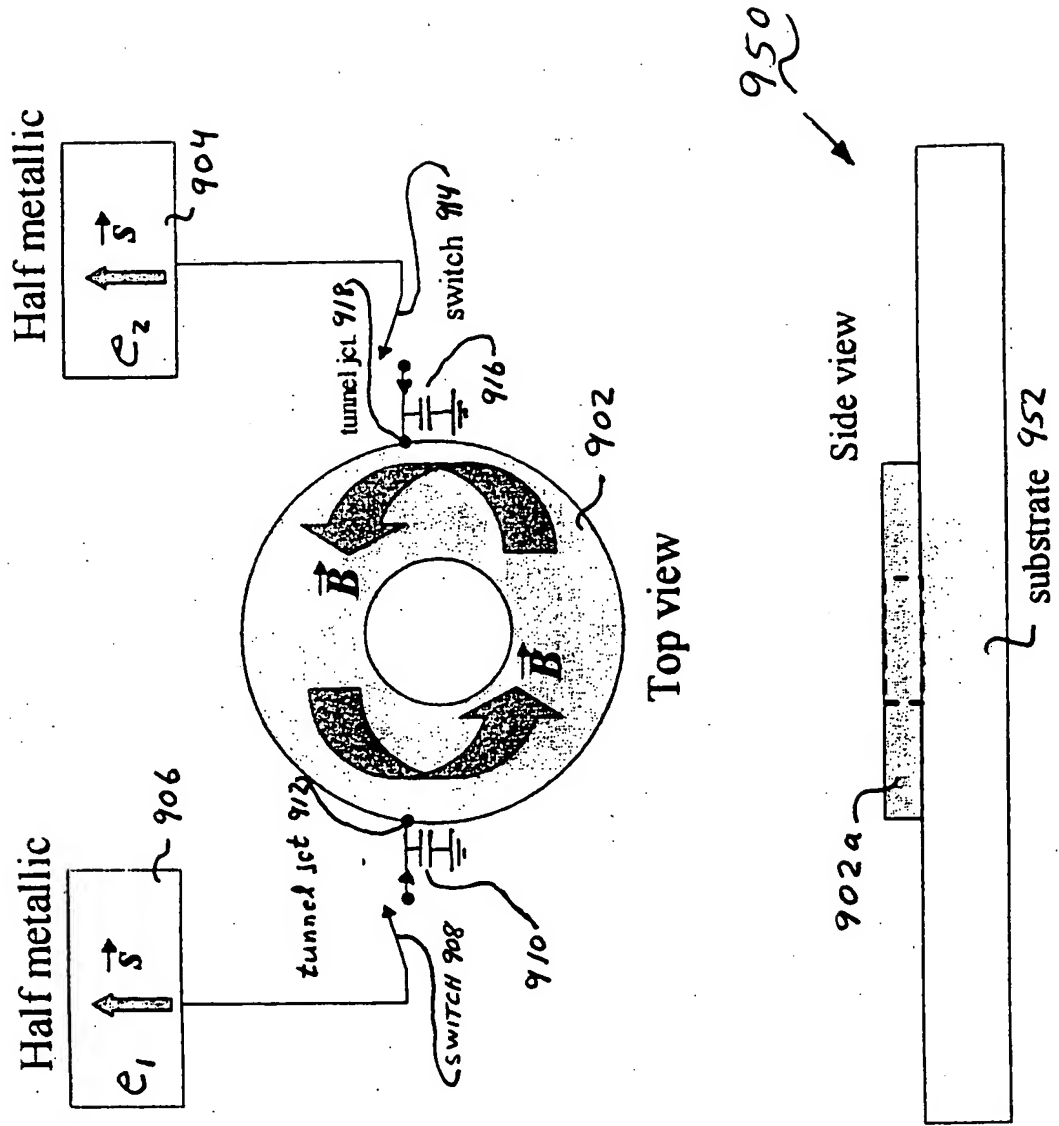


FIGURE 10

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